

Title (en)  
METHOD AND NB WIRELESS DEVICE FOR DETERMINING WHETHER OR NOT TO TRANSMIT SR

Title (de)  
VERFAHREN UND SCHMALBAND-DRAHTLOS-VORRICHTUNG ZUR BESTIMMUNG, OB SR ÜBERTRAGEN ODER NICHT ÜBERTRAGEN WIRD

Title (fr)  
PROCÉDÉ ET DISPOSITIF SANS FIL DE BANDE ÉTROITE POUR DÉTERMINER DE TRANSMETTRE OU NON UNE DEMANDE DE PLANIFICATION

Publication  
**EP 3923498 B1 20231108 (EN)**

Application  
**EP 21188594 A 20180322**

Priority

- US 201762475881 P 20170324
- US 201762501108 P 20170504
- US 201762523243 P 20170621
- EP 18771851 A 20180322
- KR 2018003364 W 20180322

Abstract (en)  
[origin: EP3509239A1] One disclosure of the present application provides a method for a narrowband (NB) wireless device to determine whether or not to transmit a scheduling request (SR). The method may comprise a step of determining whether or not to transmit an SR by using a resource for the transmission of a hybrid automatic retransmit request (HARQ) acknowledgement/negative acknowledgement (ACK/NACK) signal. The step of determination may be performed if one or more HARQ processes are run. The resource for the HARQ ACK/NACK signal may include a narrowband physical uplink shared channel (NPUSCH).

IPC 8 full level  
**H04L 1/18** (2023.01); **H04L 1/08** (2006.01); **H04L 1/16** (2023.01); **H04L 1/22** (2006.01); **H04L 5/00** (2006.01); **H04L 27/26** (2006.01); **H04L 27/36** (2006.01)

CPC (source: EP KR US)  
**H04L 1/08** (2013.01 - EP US); **H04L 1/1671** (2013.01 - EP US); **H04L 1/1812** (2013.01 - KR US); **H04L 1/1861** (2013.01 - EP US); **H04L 1/1887** (2013.01 - KR); **H04L 1/1896** (2013.01 - US); **H04L 1/22** (2013.01 - KR); **H04L 5/00** (2013.01 - US); **H04L 5/0007** (2013.01 - KR); **H04L 5/0053** (2013.01 - EP US); **H04L 27/26** (2013.01 - US); **H04L 27/2602** (2013.01 - EP KR US); **H04L 27/26035** (2021.01 - EP US); **H04L 27/36** (2013.01 - KR US); **H04W 72/0466** (2013.01 - US); **H04W 72/12** (2013.01 - US); **H04L 27/26025** (2021.01 - EP US); **H04L 27/2603** (2021.01 - EP US)

Citation (examination)  
INTEL CORPORATION: "On Random access for NB-IoT", vol. RAN WG1, no. Budapest, HU; 20160118 - 20160120, 17 January 2016 (2016-01-17), XP051053451, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN1/Docs/> [retrieved on 20160117]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3509239 A1 20190710; EP 3509239 A4 20191106; EP 3509239 B1 20220119**; CN 109891796 A 20190614; EP 3923498 A1 20211215; EP 3923498 B1 20231108; JP 2020501441 A 20200116; KR 102066103 B1 20200114; KR 102195797 B1 20201228; KR 20190039273 A 20190410; KR 20200004928 A 20200114; US 10873956 B2 20201222; US 11671295 B2 20230606; US 2019223190 A1 20190718; US 2019239239 A1 20190801; US 2021045133 A1 20210211; US 2023261917 A1 20230817; WO 2018174598 A1 20180927

DOCDB simple family (application)  
**EP 18771851 A 20180322**; CN 201880003780 A 20180322; EP 21188594 A 20180322; JP 2019529968 A 20180322; KR 2018003364 W 20180322; KR 20197007551 A 20180322; KR 20207000502 A 20180322; US 201916366685 A 20190327; US 201916381699 A 20190411; US 202017077731 A 20201022; US 202318138505 A 20230424